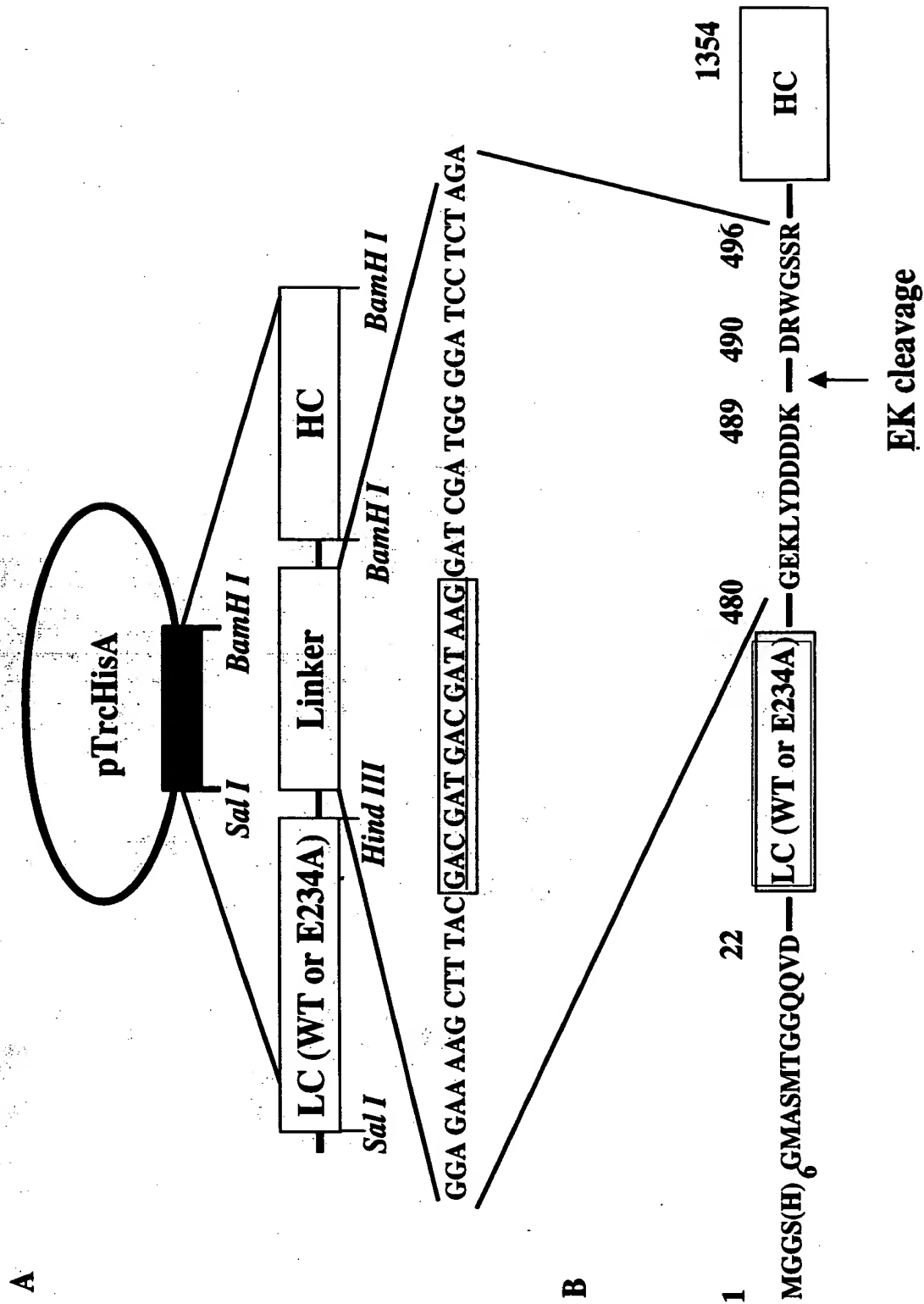


Fig. 1



**Fig. 2**

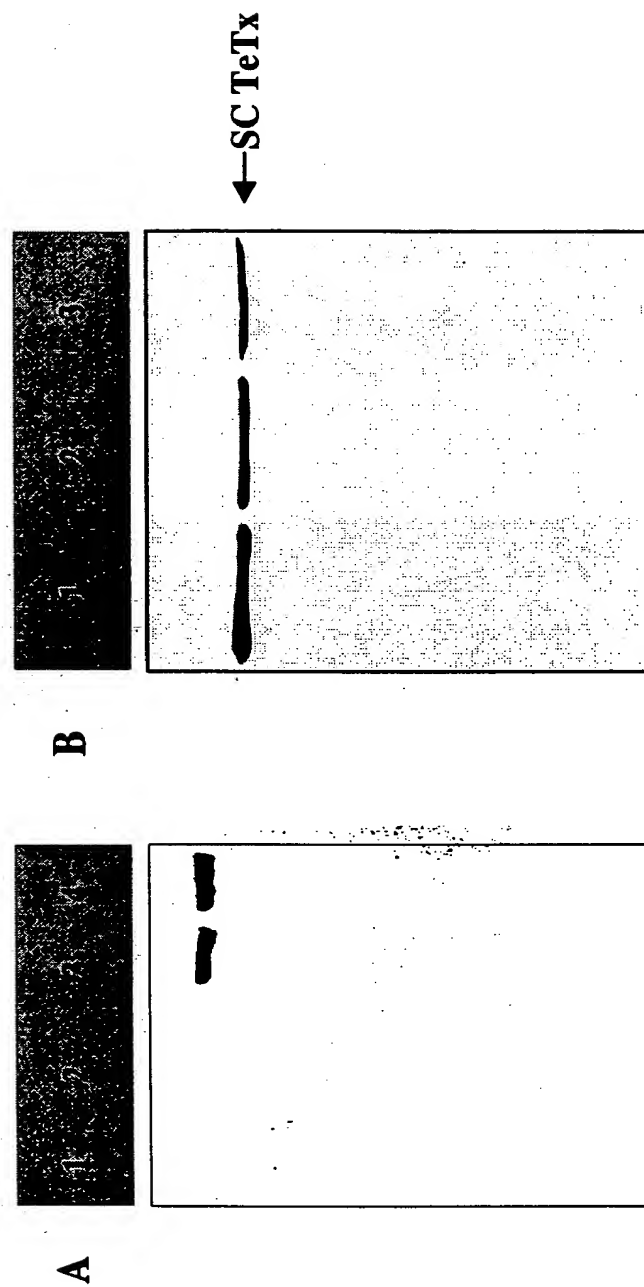


Fig. 3

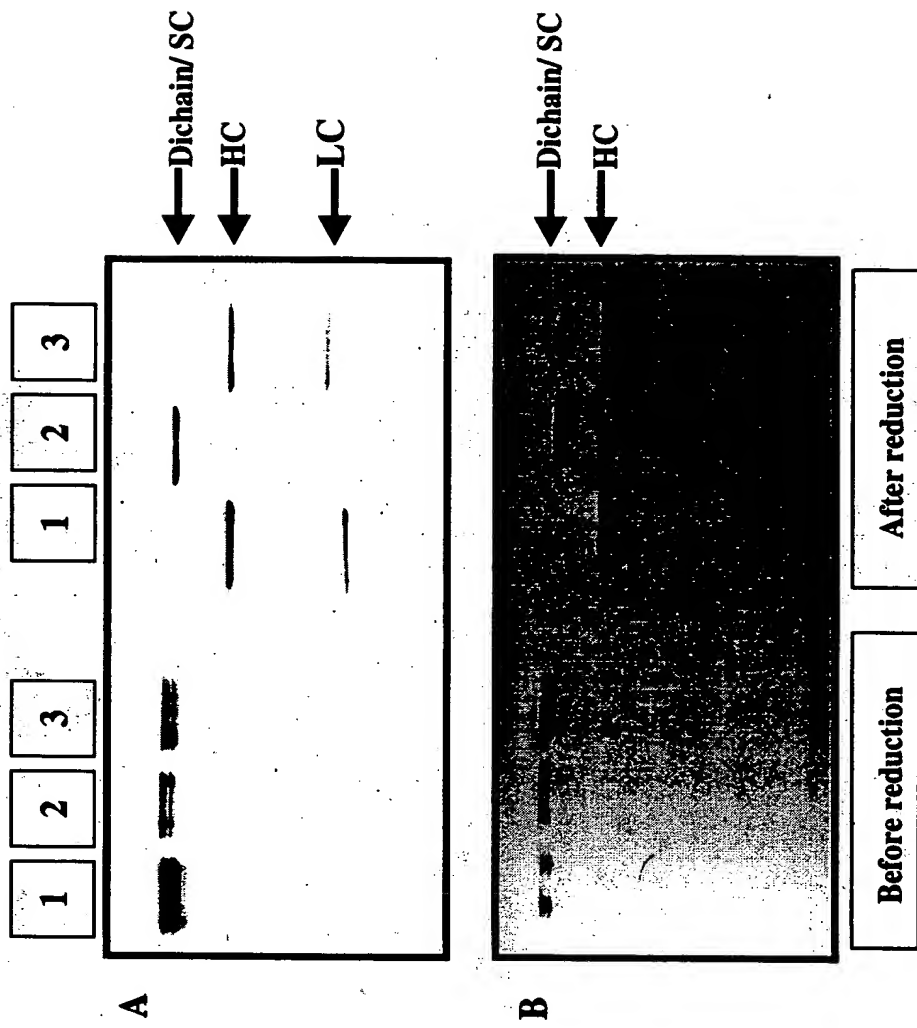
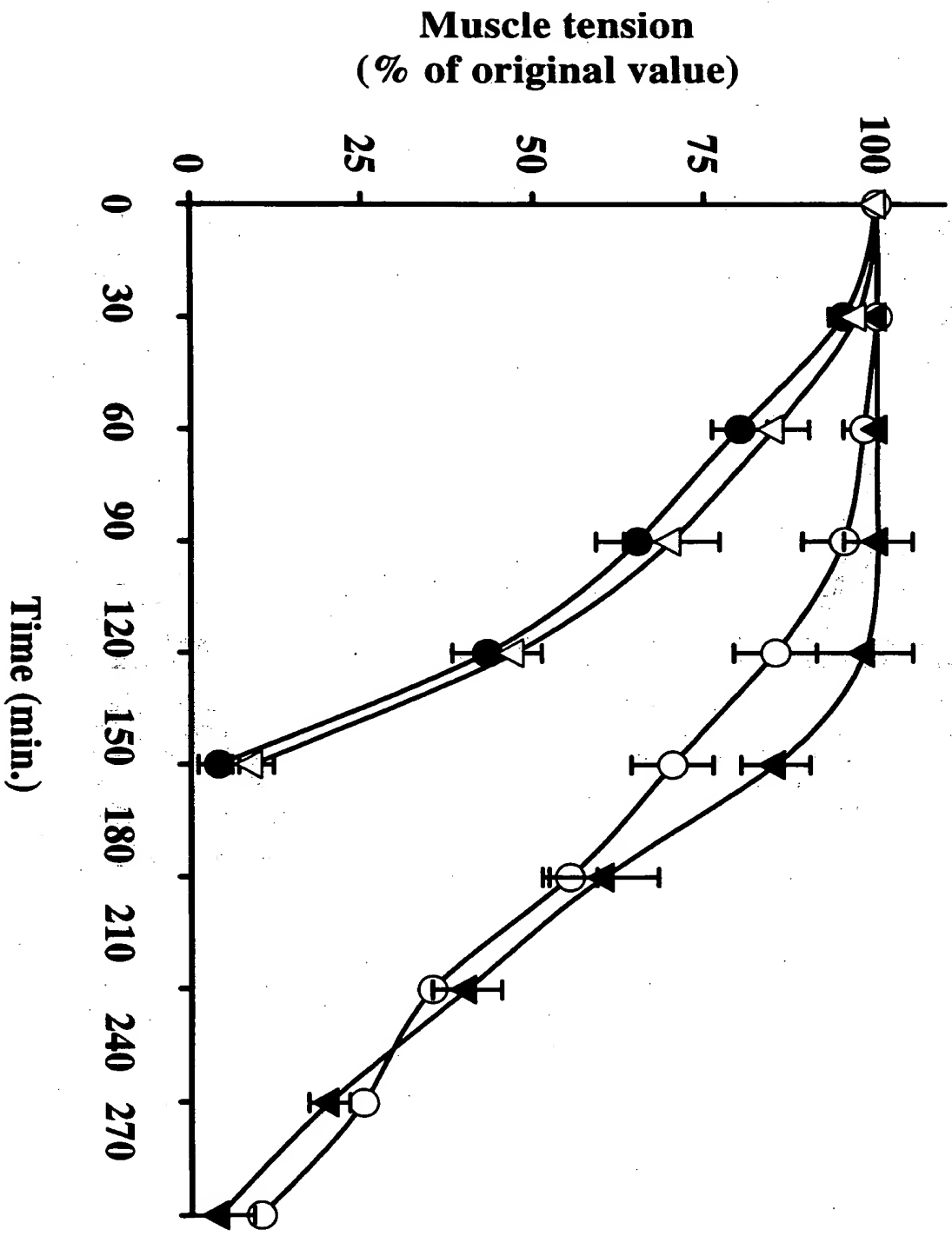


Fig. 4



00648692 082500

Fig. 5

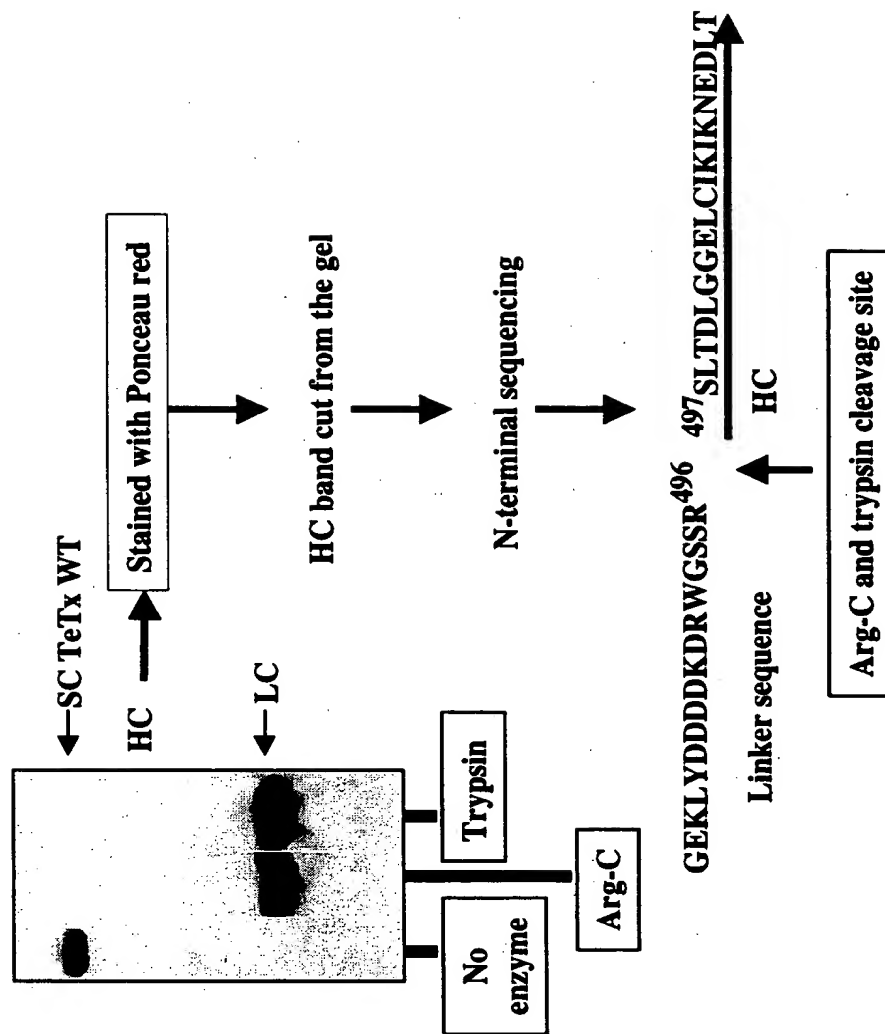


Fig. 6

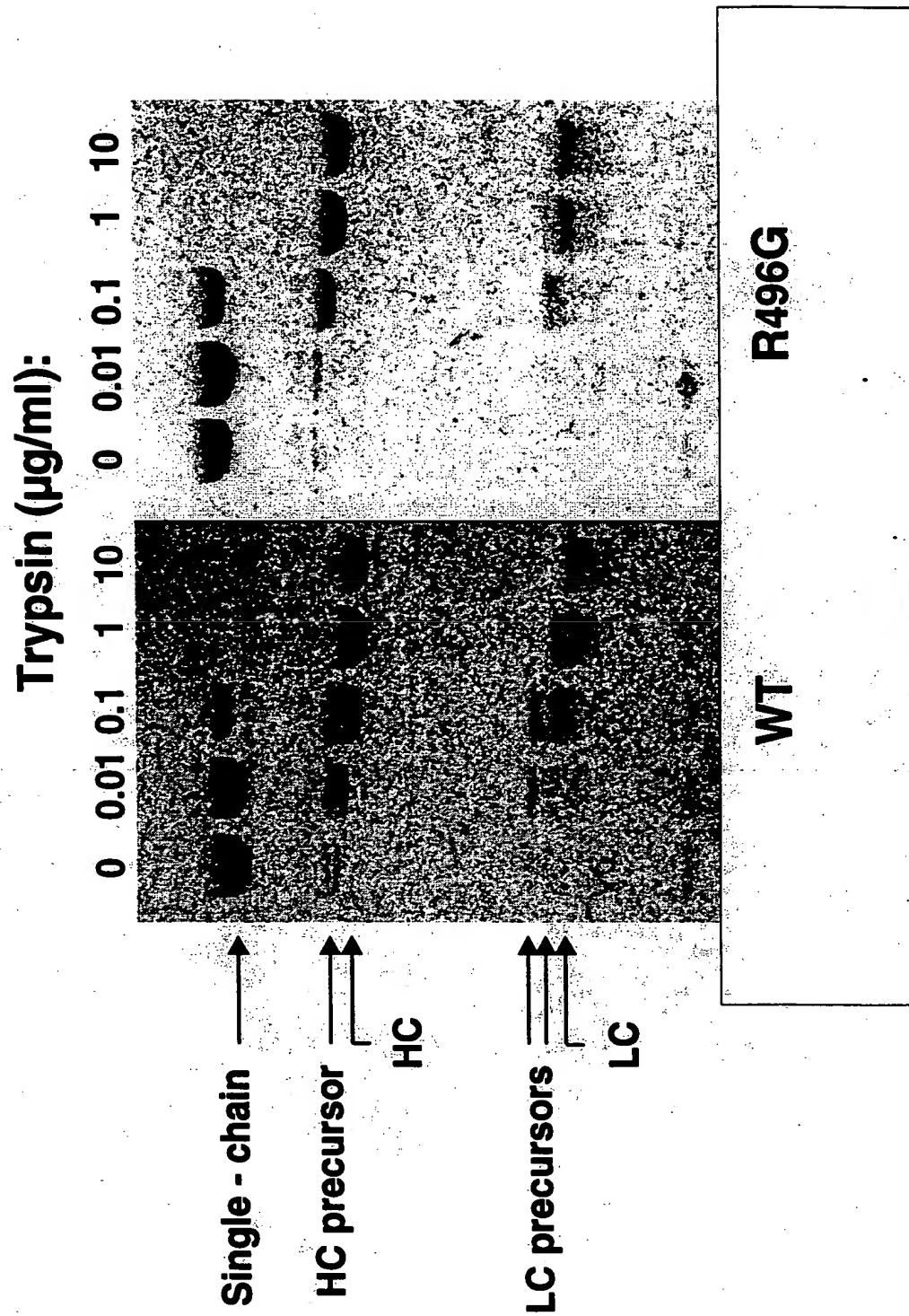


Fig. 7

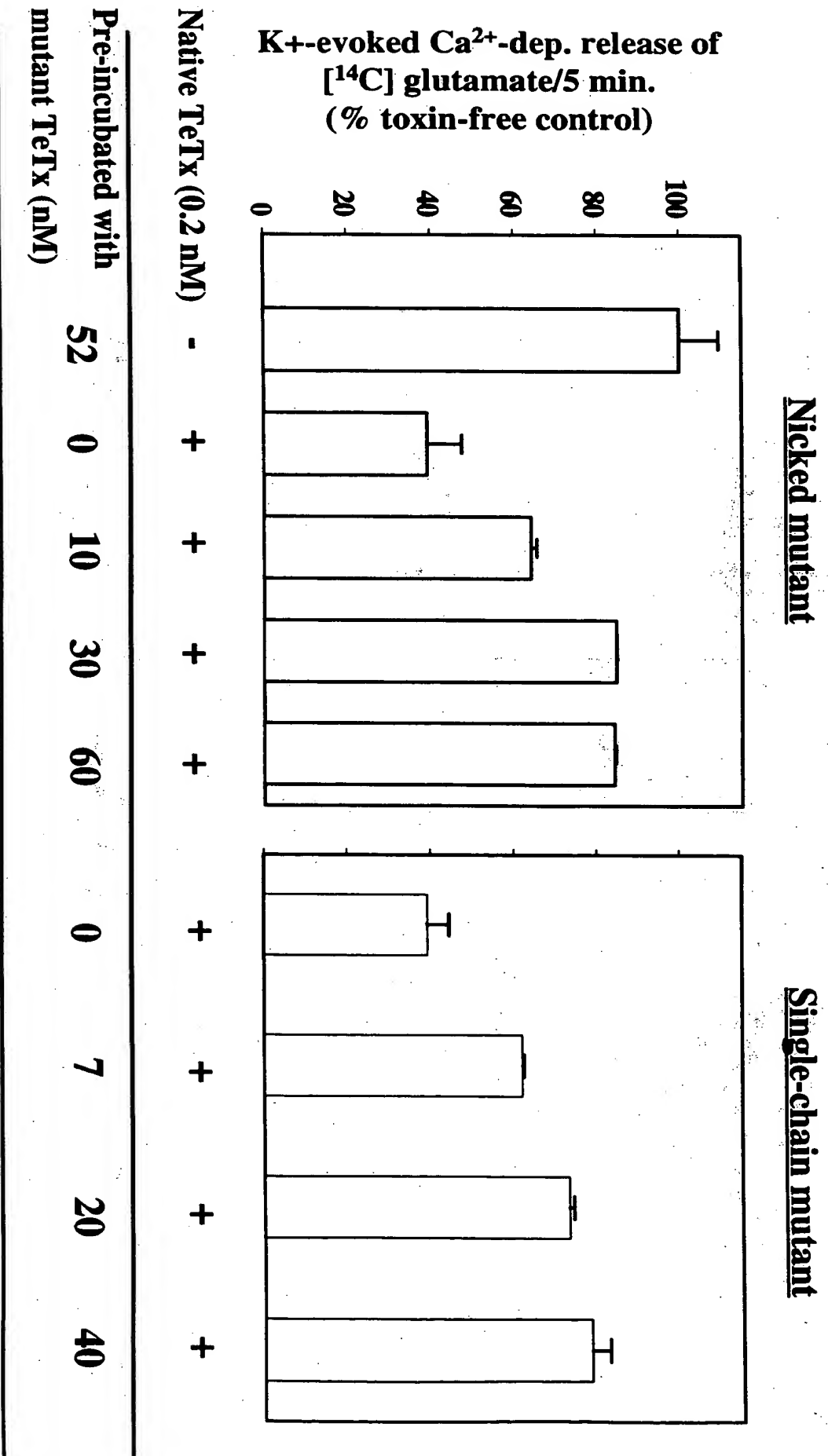
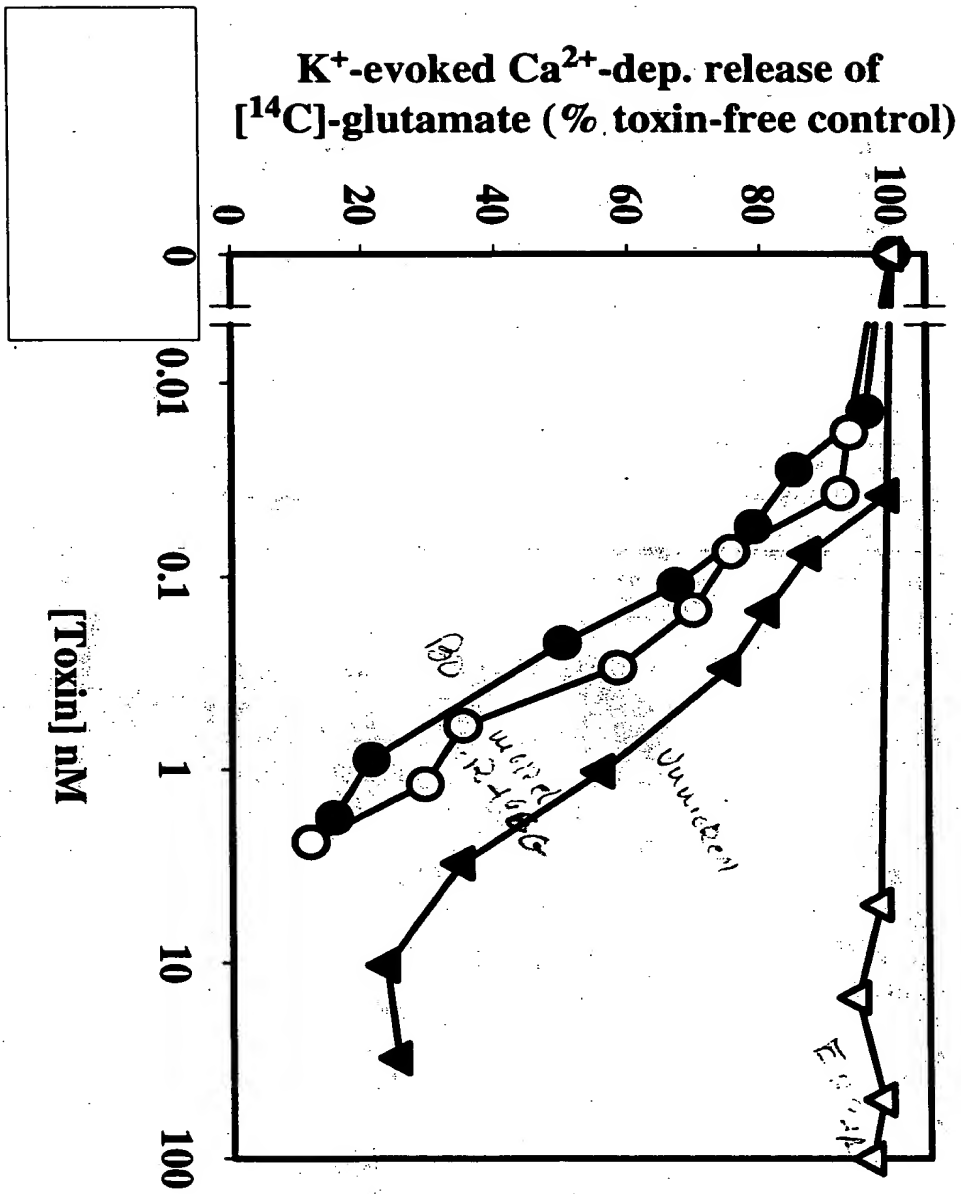


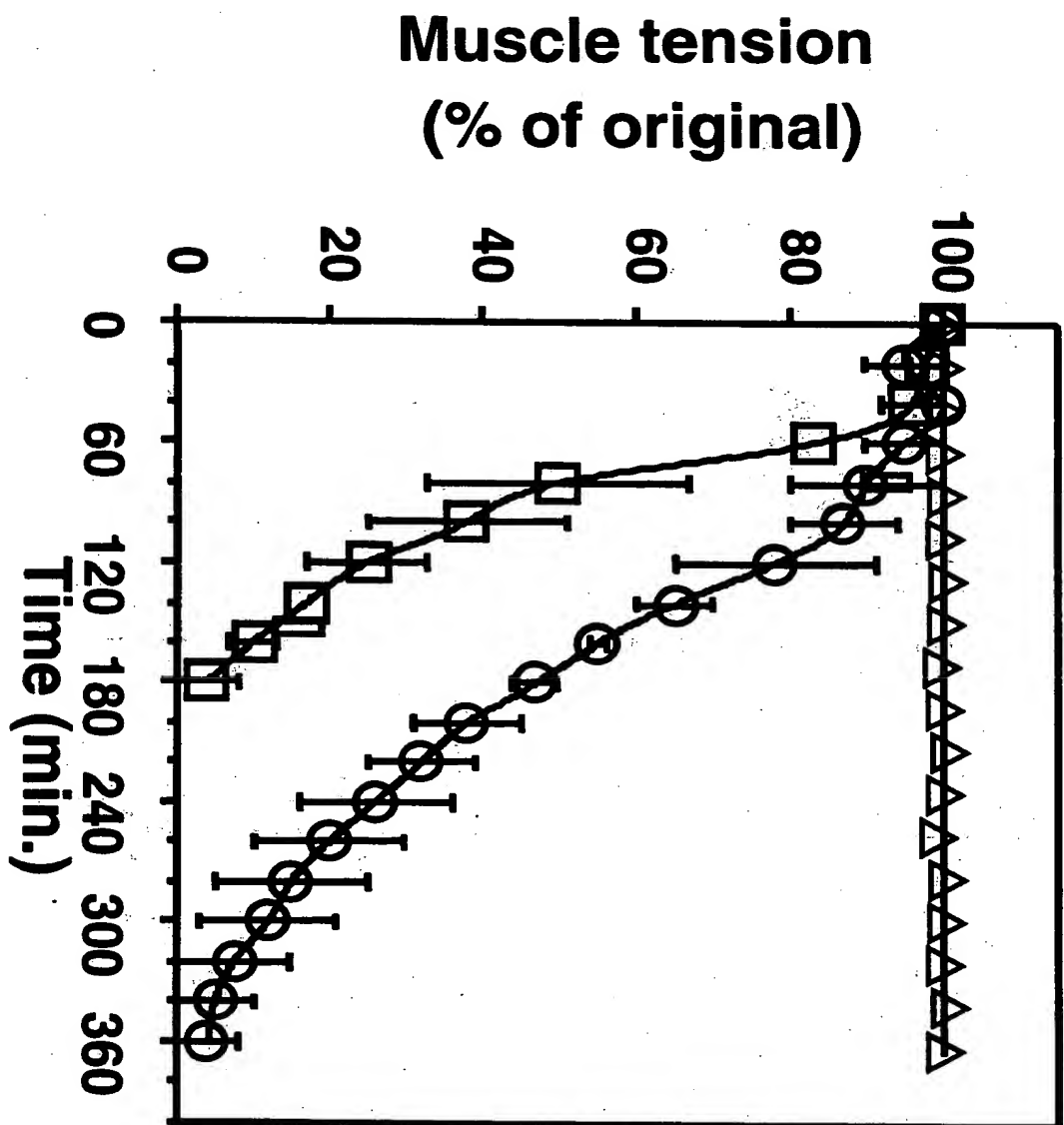
Fig. 8



00648592.082500



Fig. 9



09648592-082500

Fig. 10

*Clostridium botulinum* type E  
(strain beluga) chromosomal DNA

PCR with a proof reading  
thermopolymerase



1: Markers  
2: Negative control  
3: Sample

3.5-kB DNA fragment purified  
and cloned into BamHI and PstI  
sites of pQE30 expression vector

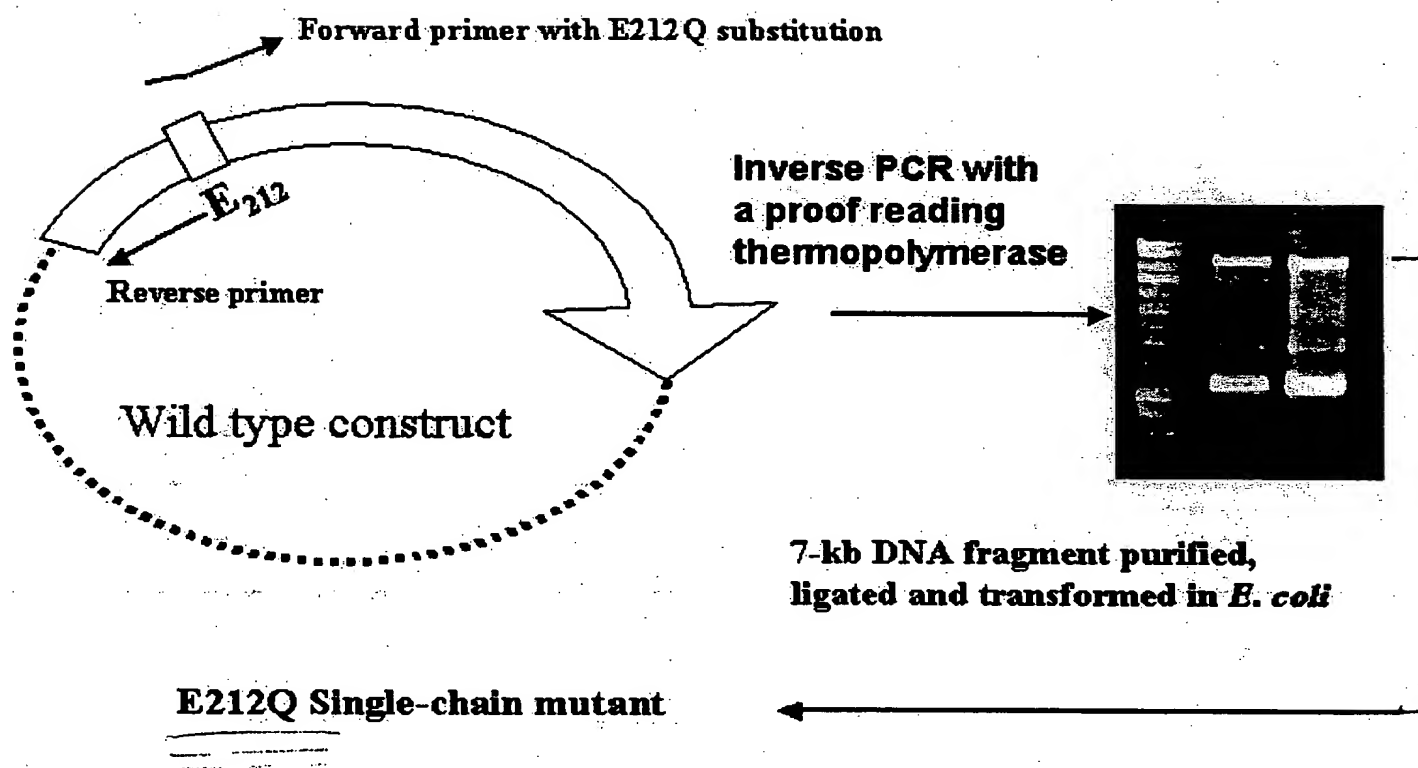


|       |     |     |     |     |     |     |     |     |     |        |     |     |     |     |     |     |     |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-----|-----|-----|-----|-----|-----|-----|
| ATG   | AGA | GGA | TCG | CAT | CAC | CAT | CAC | CAT | CAC | GGA    | TCC | CCA | AAA | ATT | AAT | AGT | TTT |
| M     | R   | G   | S   | H   | H   | H   | H   | H   | H   | G      | S   | P   | K   | I   | N   | S   | T   |
| Start |     |     |     |     |     |     |     |     |     | Bam HI |     |     |     |     |     |     |     |
|       |     |     |     |     |     |     |     |     |     |        |     |     |     |     |     |     |     |

Poly histidine tag      BoNT/E light chain

00548692-082500

Fig. 11



005280-26981960

Fig. 12

Culture of *E. coli* ML5[ pQEESCwt]



Overnight induction with IPTG



Harvest, extraction and centrifugation



Metal chelate affinity chromatography

SDS-PAGE (reducing cond.)

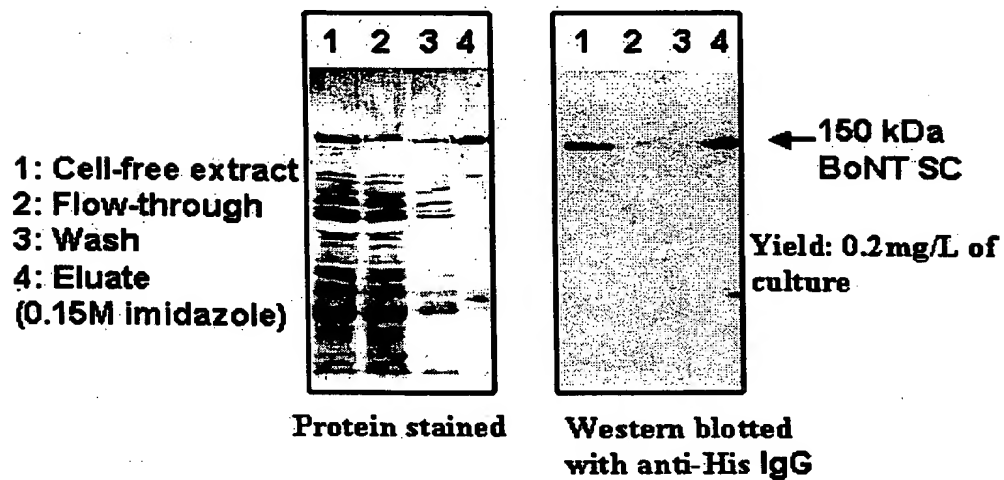


Fig. 13

1: BoNT/E from *Clostridium botulinum*  
2: Un-nicked recomb. BoNT/E  
3: Nicked recomb. BoNT/E  
M: Markers

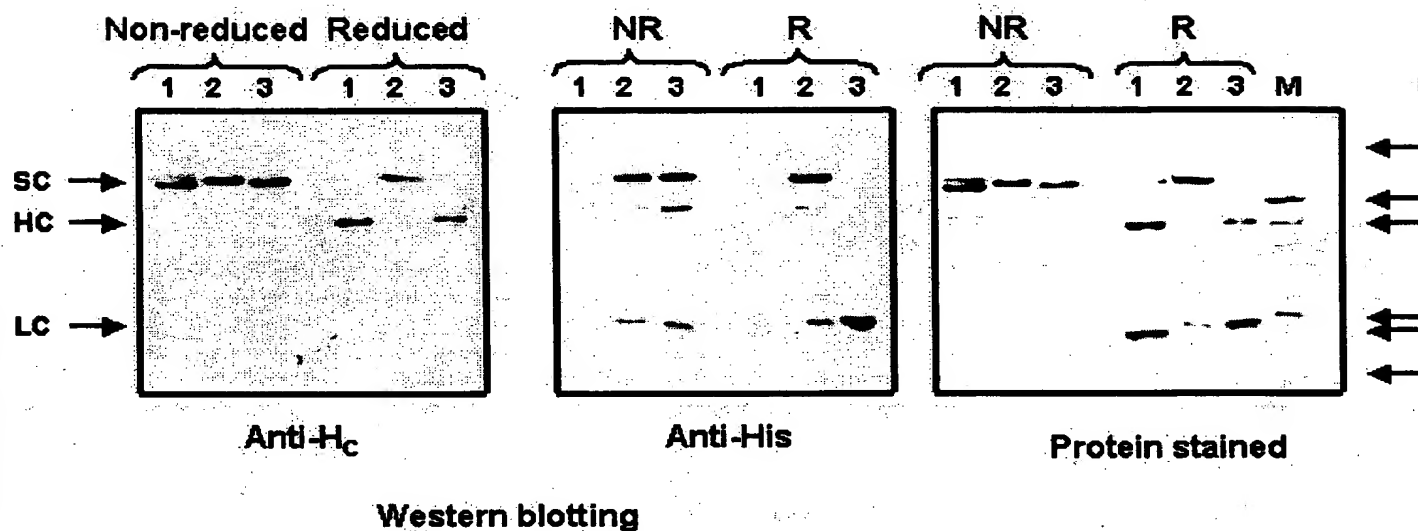
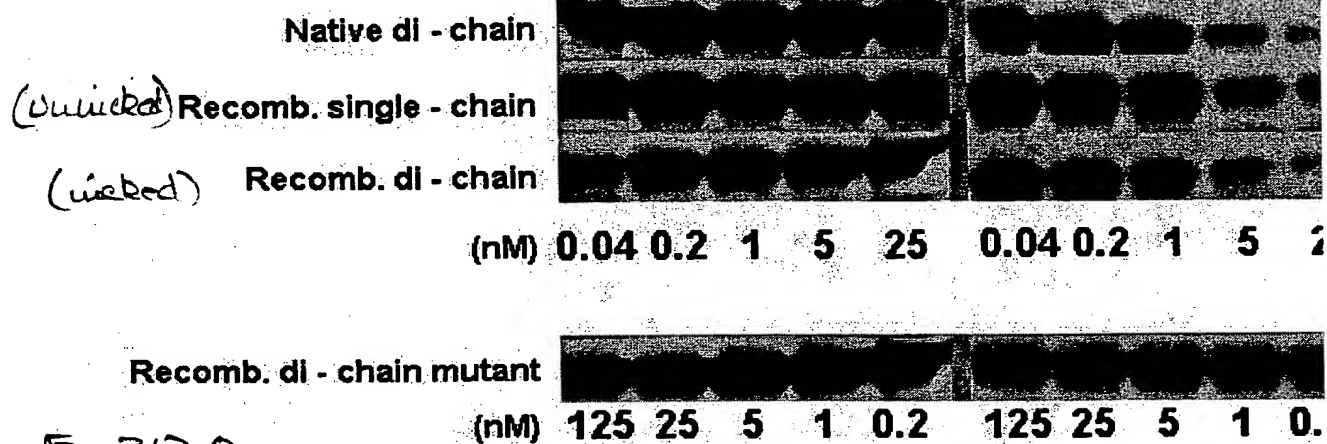


Fig. 14

**GST-SNAP-25(140-205)**  
incubated with:

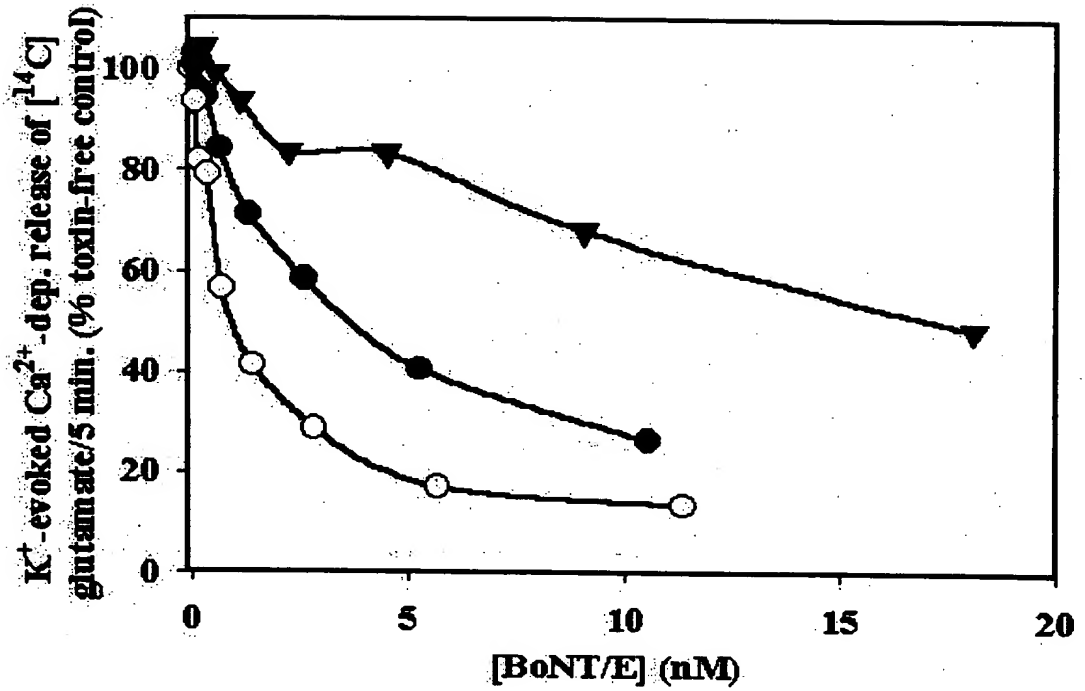


212 Q

proteolytically  
deficient.

005280-26384960

Fig. 15



- native
- unicked 24h.
- ▼ unicked 48h.

Cerebellar neurons.

Fig. 16

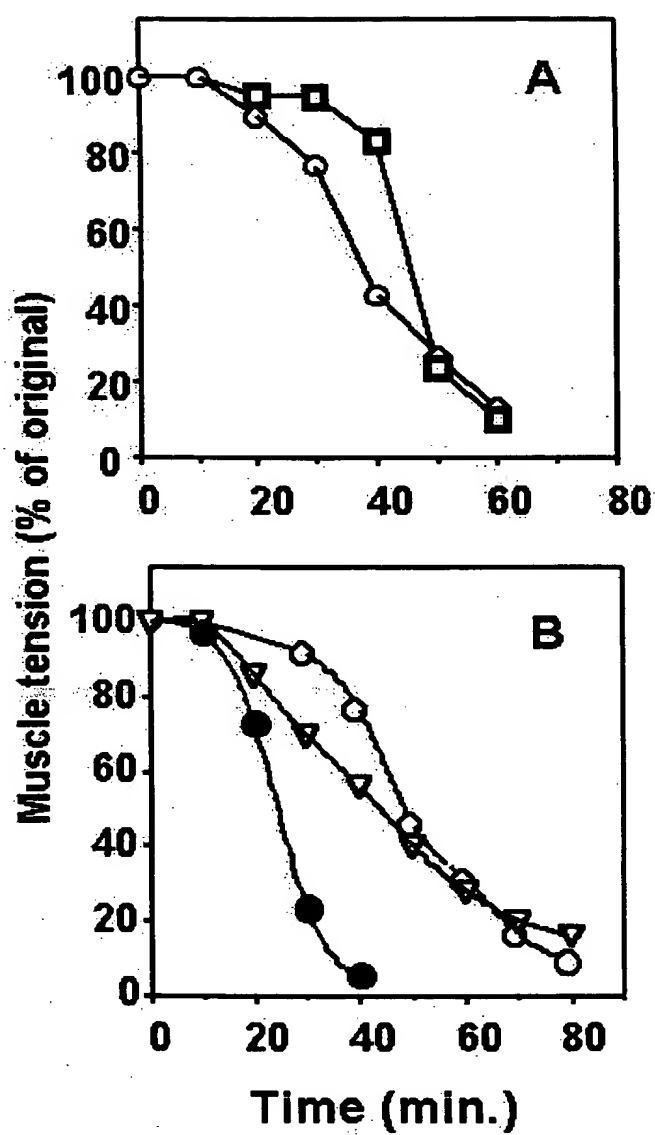
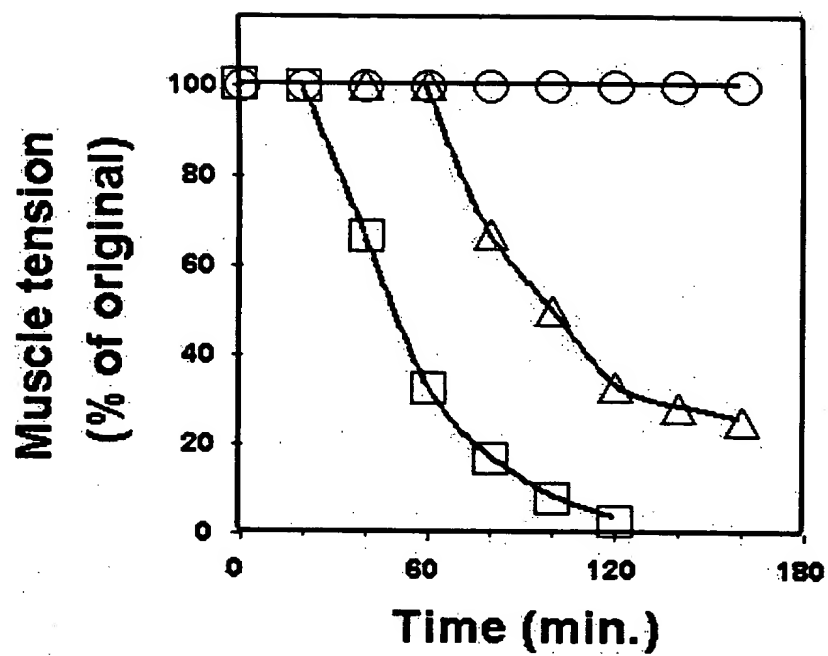




Fig. 17



005260-26984960